## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atty Dkt. 839-1459 C#/M#

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

Date: January 16, 2004

CAIRO

Serial No. 10/720,172

Filed: November 25, 2003

Title: UNIVERSAL MANDREL

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir

## INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. 1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. One copy of the reference(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

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Action on the merits, but before the mailing date of a Fina  a. I hereby certify that each item of information conta	ification or fee is required. U.S. filing date AND after the mailing date of the first Office
<ul> <li>b. I hereby certify that no item of information in this II a counterpart foreign application or, to my knowledge designated in 37 CFR§1.56(c) more than three (3) mor</li> <li>c. Attached is a check in the amount of \$180.00 in pay</li> </ul>	OS was cited in a communication from a foreign patent office in a after making reasonable inquiry, was known to any individual of the prior to the filing of this IOS. 37 C.F.R. 1.97(e)(2). Imment of the fee under 37 C.F.R. 1.17(p). Please credit or debit eration of the disclosed information. A duplicate copy of this
□ This IDS is being filed more than three months after the U. Notice of Allowance, but before payment of the Issue Fee. the fee under 37 C.F.R. 1.17(p). Please credit or debit Dep the disclosed information. A duplicate copy of this paper □ a. I hereby certify that each item of information conta	. Attached is our check in the amount of \$180.00 in payment of sosit Account No. 14-1140 as needed to ensure consideration of
	cussed in the present specification.
☐ A concise explanation of the relevance of the non-English ☐ The Examiner's attention is directed to co-pending U.S. Pa directed to related technical subject matter. The identific waiver of secrecy as to that application now or upon issue respectfully requested to consider the cited application ar	tent Application No, filed, which is ation of this U.S. Patent Application is not to be construed as a ance of the present application as a patent. The Examiner Is and the art cited therein during examination.
<ul> <li>Copies of the references were cited by or submitted to the relied upon for an earlier filing date under 35 U.S.C. 120. references. 37 C.F.R.1.98(d).</li> <li>Other.</li> </ul>	
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## INFORMATION DISCLOSURE CITATION

ATTY, DOCKET NO.

839-1459

SERIAL NO. 10/720,172

APPLICANT

**CAIRO** 

FILING DATE

GROUP

(Use several sheets if necessary)

November 25, 2003

Not Yet Assigned

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	U.S	. PATENT DOCUMENTS	· · · · · · · · · · · · · · · · · · ·			
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING IF APPR	DATE OPRIAT
4,118,964	10/1978	Fusco				_
5,231,863	8/1993	Joyner et al.				
5,563,808	10/1996	Tuck et al.				
5,673,744	10/1997	Bewlay et al.				
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6,610,385	8/2003	Cairo				
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	FORI	EIGN PATENT DOCUMENTS				
DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES	ОИ
OTHER DO	CUMENTS (inc	cluding Author, Title, Date, Per	tinent pages,	etc.)	-	•
		Date Considered				
	4,118,964 5,231,863 5,563,808 5,673,744 5,676,191 6,610,385	DOCUMENT NUMBER DATE  4,118,964 10/1978  5,231,863 8/1993  5,563,808 10/1996  5,673,744 10/1997  6,610,385 8/2003  FORI  DOCUMENT DATE	DOCUMENT NUMBER   DATE   NAME   4,118,964   10/1978   Fusco   5,231,863   8/1993   Joyner et al.   5,563,808   10/1996   Tuck et al.   5,673,744   10/1997   Bewlay et al.   6,610,385   8/2003   Cairo   FOREIGN PATENT DOCUMENTS      DOCUMENT   DATE   COUNTRY   DATE   COUNTRY   DATE   COUNTRY   DATE   COUNTRY   COU	DOCUMENT NUMBER	DOCUMENT NUMBER   DATE	U.S. PATENT DOCUMENTS   DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FILING   FAPPR   1,118,964   10/1978   Fusco   5,231,863   8/1993   Joyner et al.

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)